



July 2009

DEPARTMENT OF EDUCATION
2008–2009 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State accountability standards of Maine's *Learning Results*. The *Learning Results* contain goals for what all students should know and be able to do at certain times in their school careers and include the accountability standards that are assessed for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind* Act.

The 2008-2009 MEA Summary Reports contain the results of student achievement in reading and mathematics at all grades and science at grades 5 and 8 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. More information about the MEA is available at www.maine.gov/education/mea/index.htm.

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the assessments.

Sincerely,

Susan A. Gendron
Commissioner of Education



School Report Grade 7

Test Date: March 2009
Code: 12261593
SAU: MSAD 32
School: Ashland Community High School

Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

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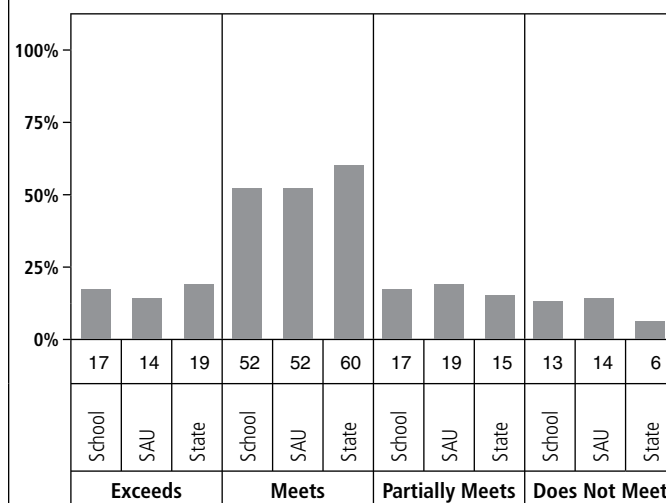
SUMMARY OF SCORES

Test Date: March 2009
Grade: 7
SAU: MSAD 32
School: Ashland Community High School

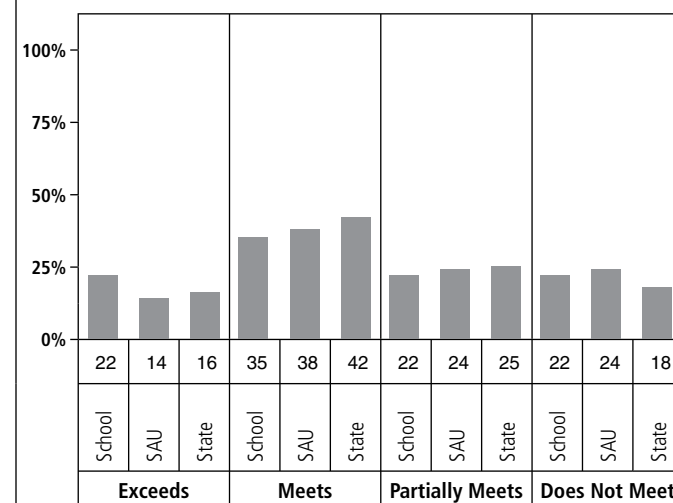
Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
ELA – Reading			
2006–2007	745	745	748
2007–2008	747	747	750
2008–2009	749	748	751
Cum. Avg.*	747	747	750
Mathematics			
2006–2007	741	741	742
2007–2008	738	738	743
2008–2009	743	740	745
Cum. Avg.*	741	740	743

ELA – READING



MATHEMATICS



*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2009
Grade: 7
SAU: MSAD 32
School: Ashland Community High School

CATEGORY OF PARTICIPATION	Enrollment ¹ during testing window						CONTENT AREA PARTICIPATION ²																	
							ELA-Reading						Mathematics											
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Total number of students	24	100	22	100	14446	100	23	96	21	95	14316	99	23	96	21	95	14322	99						
Ethnicity African American/Black	0	0	0	0	432	3	0	0	0	0	416	97	0	0	0	0	421	98						
American Indian or Native Alaskan	0	0	0	0	124	1	0	0	0	0	121	98	0	0	0	0	122	99						
Asian or Pacific Islander	0	0	0	0	260	2	0	0	0	0	255	98	0	0	0	0	259	100						
Hispanic	0	0	0	0	147	1	0	0	0	0	144	99	0	0	0	0	144	99						
Caucasian/White	24	100	22	100	13483	93	23	96	21	95	13380	99	23	96	21	95	13376	99						
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
Identified disability	6	25	6	27	2428	17	6	100	6	100	2391	99	6	100	6	100	2391	99						
Current LEP	0	0	0	0	334	2	0	0	0	0	318	95	0	0	0	0	328	98						
Economically disadvantaged	15	63	15	68	5498	38	14	93	14	93	5431	99	14	93	14	93	5436	99						
Migrant	0	0	0	0	8	0	0	0	0	0	8	100	0	0	0	0	8	100						

MODE OF PARTICIPATION ³	ELA-Reading						Mathematics											
	School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Participation without accommodations	23	96	21	95	11742	81	23	96	21	95	11754	81						
Identified disability (PET/IEP)	6	26	6	29	367	3	6	26	6	29	365	3						
LEP	0	0	0	0	168	1	0	0	0	0	169	1						
504 plan	0	0	0	0	183	2	0	0	0	0	187	2						
Participation with accommodations	0	0	0	0	2367	16	0	0	0	0	2366	16						
Identified disability (PET/IEP)	0	0	0	0	1819	77	0	0	0	0	1824	77						
LEP	0	0	0	0	143	6	0	0	0	0	154	7						
504 plan	0	0	0	0	84	4	0	0	0	0	80	3						
Other	0	0	0	0	358	15	0	0	0	0	346	15						
Participation through alternate assessment (PAAP)	0	0	0	0	205	1	0	0	0	0	202	1						
Identified disability (PET/IEP)	0	0	0	0	205	100	0	0	0	0	202	100						
LEP	0	0	0	0	5	2	0	0	0	0	5	2						
504 plan	0	0	0	0	0	0	0	0	0	0	0	0						
Approved non-participation in reading – 1st year LEP	0	0	0	0	2	0												
Approved non-participation – special consideration	0	0	0	0	33	0	0	0	0	0	32	0						
Non-participation – other	1	4	1	5	97	1	1	4	1	5	92	1						

¹Percents are the percentage of students enrolled in each participation category.

²Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

³Percents are the percentage of students in each content area by mode.

ELA–READING RESULTS

Test Date: March 2009
Grade: 7
SAU: MSAD 32
School: Ashland Community High School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (Scaled Score 762–780)	2006-2007	0	0	0	0	2630	18
	2007-2008	3	13	3	13	2604	18
	2008-2009	4	17	3	14	2618	19
	Cum. Total*	7	10	6	9	7852	18
Meets the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (Scaled Score 742–760)	2006-2007	14	64	14	64	7605	51
	2007-2008	16	67	16	67	8049	55
	2008-2009	12	52	11	52	8484	60
	Cum. Total*	42	61	41	61	24138	56
Partially Meets the Standards – The student’s work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student’s ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (Scaled Score 730–740)	2006-2007	7	32	7	32	3000	20
	2007-2008	2	8	2	8	2672	18
	2008-2009	4	17	4	19	2108	15
	Cum. Total*	13	19	13	19	7780	18
Does Not Meet the Standards – The student’s work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student’s responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (Scaled Score 700–728)	2006-2007	1	5	1	5	1620	11
	2007-2008	3	13	3	13	1190	8
	2008-2009	3	13	3	14	899	6
	Cum. Total*	7	10	7	10	3709	9

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Reading Total Points	56	100	32.9	58.8	31.8	56.8	34.4	61.4
A1/A2 Interconnected Elements/Literary Text	20	36	11.8	59.0	11.5	57.5	11.8	59.0
A1/A3/4 Interconnected Elements/Informational Text/Persuasive Text	36	64	21.0	58.3	20.3	56.4	22.6	62.8

The MEA assesses students’ reading skills based on questions related to three types of reading passages: literary, informational, and persuasive. Reading passages include both long and short texts, selected from developmentally appropriate works. MEA reading items measure the English Language Arts accountability content standard A, Reading, contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

ELA-READING RESULTS

(CONTINUED)

Test Date: March 2009
 Grade: 7
 SAU: MSAD 32
 School: Ashland Community High School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	23	4	17	12	52	4	17	3	13	749	21	14	52	19	14	748	14109	19	60	15	6	751
Ethnicity																						
African American/Black	0										0						409	11	49	22	18	744
American Indian or Native Alaskan	0										0						117	12	53	19	16	746
Asian or Pacific Islander	0										0						253	24	59	11	6	753
Hispanic	0										0						142	14	56	17	13	747
Caucasian/White	23	4	17	12	52	4	17	3	13	749	21	14	52	19	14	748	13188	19	61	15	6	751
Not Reported	0										0						0					
Identified disability																						
Yes	6	1	17	0	0	2	33	3	50	737	6	17	0	33	50	737	2186	2	36	35	27	737
No	17	3	18	12	71	2	12	0	0	754	15	13	73	13	0	752	11923	22	65	11	3	754
Current LEP																						
Yes	0										0						311	4	41	29	26	739
No	23	4	17	12	52	4	17	3	13	749	21	14	52	19	14	748	13798	19	61	15	6	751
Economically disadvantaged																						
Yes	14	2	14	6	43	3	21	3	21	746	14	14	43	21	21	746	5300	8	58	22	11	746
No	9	2	22	6	67	1	11	0	0	755	7	14	71	14	0	752	8809	25	61	10	4	754
Migrant																						
Yes	0										0						8	13	50	38	0	747
No	23	4	17	12	52	4	17	3	13	749	21	14	52	19	14	748	14101	19	60	15	6	751
Gender																						
Female	15	4	27	8	53	2	13	1	7	755	13	23	54	15	8	753	6993	24	61	11	4	754
Male	8	0	0	4	50	2	25	2	25	739	8	0	50	25	25	739	7116	14	60	18	8	749
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	8	0	0	4	50	3	38	1	13	742	8	0	50	38	13	742	1025	10	53	27	11	745
No	15	4	27	8	53	1	7	2	13	753	13	23	54	8	15	751	13084	19	61	14	6	752
Gifted/talented program																						
Yes	2										0						676	66	33	1	0	766
No	21	3	14	11	52	4	19	3	14	748	21	14	52	19	14	748	13433	16	61	16	7	750

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

ELA-READING RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009
Grade: 7
SAU: MSAD 32
School: Ashland Community High School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	0										0						7	8	48	25	19	743
B. less than one hour	26	1	17	3	50	1	17	1	17	749	24	20	40	20	20	747	52	17	62	15	6	751
C. one to two hours	70	3	19	9	56	2	13	2	13	750	71	13	60	13	13	749	37	23	61	12	4	753
D. more than two hours	4	0	0	0	0	1	100	0	0	738	5	0	0	100	0	738	4	19	53	18	10	750
Which of the following best describes how you rate yourself as a student in reading?																						
A. very good	26	1	17	5	83	0	0	0	0	757	19	0	100	0	0	752	30	33	56	7	4	756
B. good	43	3	30	4	40	2	20	1	10	753	48	30	40	20	10	753	49	16	64	14	5	751
C. fair	22	0	0	3	60	1	20	1	20	743	24	0	60	20	20	743	19	5	59	26	10	745
D. poor	9	0	0	0	0	1	50	1	50	727	10	0	0	50	50	727	3	3	45	32	21	740
How well do the questions that you have just been given on this MEA test match what you have learned in school about reading?																						
A. The questions on the test match what I have learned in reading class.	19	0	0	4	100	0	0	0	0	756	16	0	100	0	0	754	33	24	62	10	3	754
B. They match some of what I have learned.	52	2	18	5	45	2	18	2	18	747	53	10	50	20	20	745	52	18	62	15	5	751
C. They match just a little of what I have learned.	14	2	67	0	0	0	0	1	33	756	16	67	0	0	33	756	11	11	54	23	13	746
D. There is no match.	14	0	0	1	33	2	67	0	0	741	16	0	33	67	0	741	3	6	38	29	27	739
How difficult was the reading part of this test?																						
A. more difficult than my regular schoolwork	17	1	25	2	50	1	25	0	0	752	19	25	50	25	0	752	17	16	55	18	12	748
B. about the same as my regular schoolwork	52	2	17	7	58	1	8	2	17	752	48	10	60	10	20	749	65	19	62	14	5	752
C. easier than my regular schoolwork	30	1	14	3	43	2	29	1	14	744	33	14	43	29	14	744	17	22	60	13	5	752
How difficult were the reading passages on this test?																						
A. Most of the passages were more difficult than what I normally read.	9	0	0	1	50	1	50	0	0	742	10	0	50	50	0	742	9	4	44	27	24	740
B. Most of the passages were about the same as what I normally read.	52	1	8	6	50	3	25	2	17	746	57	8	50	25	17	746	54	14	63	17	5	750
C. Most of the passages were easier than what I normally read.	39	3	33	5	56	0	0	1	11	755	33	29	57	0	14	752	38	28	60	9	3	756
How hard did you try on the reading part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	48	2	18	7	64	0	0	2	18	752	43	11	67	0	22	749	44	19	60	15	6	751
B. I tried about the same as I do on my regular schoolwork.	43	2	20	4	40	3	30	1	10	749	48	20	40	30	10	749	51	19	62	13	5	752
C. I did not try as hard on this test as I do on my regular schoolwork.	9	0	0	1	50	1	50	0	0	737	10	0	50	50	0	737	5	9	51	26	15	744
How much time do you spend reading at home each day?																						
A. more than one hour	22	3	60	2	40	0	0	0	0	763	24	60	40	0	0	763	21	27	57	11	5	755
B. 20 minutes to an hour	48	1	9	5	45	2	18	3	27	746	43	0	44	22	33	741	45	22	62	12	4	753
C. less than 20 minutes	13	0	0	2	67	1	33	0	0	743	14	0	67	33	0	743	13	13	61	17	8	749
D. I rarely read at home.	17	0	0	3	75	1	25	0	0	747	19	0	75	25	0	747	21	7	59	24	11	746
Optional school/SAU question																						
A.	0										0											
B.	0										0											
C.	0										0											
D.	100	0	0	0	0	1	100	0	0	738	100	0	0	100	0	738						

MATHEMATICS RESULTS

Test Date: March 2009
Grade: 7
SAU: MSAD 32
School: Ashland Community High School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (Scaled Score 762–780)	2006-2007	2	9	2	9	2142	14
	2007-2008	0	0	0	0	2028	14
	2008-2009	5	22	3	14	2220	16
	Cum. Total*	7	10	5	7	6390	15
Meets the Standards – The student’s work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student’s work may contain minor errors. (Scaled Score 742–760)	2006-2007	8	36	8	36	5642	38
	2007-2008	11	46	11	46	5703	39
	2008-2009	8	35	8	38	5879	42
	Cum. Total*	27	39	27	40	17224	40
Partially Meets the Standards – The student’s work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (Scaled Score 728–740)	2006-2007	8	36	8	36	4077	27
	2007-2008	8	33	8	33	3733	26
	2008-2009	5	22	5	24	3537	25
	Cum. Total*	21	30	21	31	11347	26
Does Not Meet the Standards – The student’s work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (Scaled Score 700–726)	2006-2007	4	18	4	18	3001	20
	2007-2008	5	21	5	21	3054	21
	2008-2009	5	22	5	24	2484	18
	Cum. Total*	14	20	14	21	8539	20

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Mathematics Total Points	56	100	28.8	51.4	27.3	48.8	29.9	53.4
A. Number	14	25	7.0	50.0	6.7	47.9	7.7	55.0
B. Data	16	29	7.2	45.0	6.9	43.1	8.1	50.6
C. Geometry	12	21	6.9	57.5	6.7	55.8	6.9	57.5
D. Algebra	14	25	7.7	55.0	7.1	50.7	7.3	52.1

The MEA assesses students’ mathematics knowledge based on questions that measure the mathematics accountability content standards contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

Content Standard A, Number, includes Whole Number, Rational Number, and Real Number.

Content Standard B, Data, includes Measurement and Approximation, Data Analysis, and Probability.

Content Standard C, Geometry, includes Geometric Figures, Geometric Measurement, and Transformations.

Content Standard D, Algebra, includes Symbols and Expressions, Equations and Inequalities, and Functions and Relations.

MATHEMATICS RESULTS

(CONTINUED)

Test Date: March 2009
 Grade: 7
 SAU: MSAD 32
 School: Ashland Community High School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	23	5	22	8	35	5	22	5	22	743	21	14	38	24	24	740	14120	16	42	25	18	745
Ethnicity																						
African American/Black	0										0						416	5	26	28	41	733
American Indian or Native Alaskan	0										0						119	8	30	31	30	737
Asian or Pacific Islander	0										0						258	25	43	19	13	750
Hispanic	0										0						142	8	39	23	30	739
Caucasian/White	23	5	22	8	35	5	22	5	22	743	21	14	38	24	24	740	13185	16	42	25	17	745
Not Reported	0										0						0					
Identified disability																						
Yes	6	0	0	1	17	0	0	5	83	719	6	0	17	0	83	719	2189	2	17	27	53	728
No	17	5	29	7	41	5	29	0	0	751	15	20	47	33	0	749	11931	18	46	25	11	748
Current LEP																						
Yes	0										0						323	4	20	28	48	729
No	23	5	22	8	35	5	22	5	22	743	21	14	38	24	24	740	13797	16	42	25	17	745
Economically disadvantaged																						
Yes	14	2	14	5	36	2	14	5	36	738	14	14	36	14	36	738	5308	7	35	30	28	738
No	9	3	33	3	33	3	33	0	0	750	7	14	43	43	0	745	8812	21	46	22	11	749
Migrant																						
Yes	0										0						8	0	50	38	13	742
No	23	5	22	8	35	5	22	5	22	743	21	14	38	24	24	740	14112	16	42	25	18	745
Gender																						
Female	15	5	33	6	40	2	13	2	13	749	13	23	46	15	15	747	6992	16	43	25	16	745
Male	8	0	0	2	25	3	38	3	38	730	8	0	25	38	38	730	7128	15	41	25	19	744
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	8	0	0	2	25	4	50	2	25	737	8	0	25	50	25	737	1024	7	26	36	31	736
No	15	5	33	6	40	1	7	3	20	746	13	23	46	8	23	743	13096	16	43	24	17	745
Gifted/talented program																						
Yes	2										0						676	68	29	2	0	767
No	21	3	14	8	38	5	24	5	24	740	21	14	38	24	24	740	13444	13	42	26	18	744

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

MATHEMATICS RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009
Grade: 7
SAU: MSAD 32
School: Ashland Community High School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
		%	N	%	N	%	N	%	N													
How much homework do you do on school nights? A. none B. less than one hour C. one to two hours D. more than two hours	0 26 70 4	 2 3 0	 33 19 0	 1 7 0	 17 44 0	 1 3 1	 17 19 100	 2 3 0	 33 19 0	 742 743 740	 0 24 71 5	 20 13 0	 20 47 0	 20 20 100	 40 20 0	 737 741 740	 7 52 37 4	 6 16 18 15	 30 42 44 38	 28 25 24 24	 36 17 14 22	 735 745 747 743
Which of the following best describes how you rate yourself as a student in mathematics? A. very good B. good C. fair D. poor	9 48 26 17	 1 3 1 0	 50 27 17 0	 1 3 2 2	 50 27 33 50	 0 2 2 1	 0 18 33 25	 0 3 1 1	 0 27 17 25	 757 743 744 732	 5 48 29 19	 0 20 17 0	 100 30 33 50	 0 20 33 25	 0 30 17 25	 750 740 744 732	 26 46 23 5	 35 13 3 1	 43 48 32 22	 12 25 37 37	 9 15 27 40	 754 745 737 731
How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics? A. The questions on the test match what I have learned in mathematics class. B. They match some of what I have learned. C. They match just a little of what I have learned. D. There is no match.	30 43 17 9	 2 3 0 0	 29 30 0 0	 3 4 1 0	 43 40 25 0	 2 2 0 1	 29 20 0 50	 0 1 3 1	 0 10 75 50	 753 748 723 720	 33 38 19 10	 29 13 0 0	 43 50 25 0	 29 25 0 50	 0 13 75 50	 753 743 723 720	 26 53 17 4	 23 15 9 7	 43 45 35 21	 20 26 32 22	 13 15 24 51	 749 746 740 730
How difficult was the mathematics part of this test? A. more difficult than my regular schoolwork B. about the same as my regular schoolwork C. easier than my regular schoolwork	29 57 14	 1 2 2	 17 17 67	 1 7 0	 17 58 0	 1 3 1	 17 25 33	 3 0 0	 50 0 0	 733 749 761	 26 58 16	 0 9 67	 20 64 0	 20 27 33	 60 0 0	 727 747 761	 37 51 12	 8 16 41	 40 44 35	 29 25 13	 23 15 11	 740 746 755
How hard did you try on the mathematics part of this test? A. I tried harder on this test than I do on my regular schoolwork. B. I tried about the same as I do on my regular schoolwork. C. I did not try as hard on this test as I do on my regular schoolwork.	32 64 5	 1 4 0	 14 29 0	 4 3 1	 57 21 100	 1 4 0	 14 29 0	 1 3 0	 14 21 0	 746 744 744	 30 65 5	 0 23 0	 67 23 100	 17 31 0	 17 23 0	 743 742 744	 48 47 5	 14 18 14	 42 43 27	 27 23 25	 17 16 34	 744 746 738
On average, how many minutes a day do you spend working on mathematics in class? A. less than 30 minutes B. 30–45 minutes C. 45–60 minutes D. more than 60 minutes	13 70 9 9	 0 4 1 0	 0 25 50 0	 2 6 0 0	 67 38 0 0	 0 4 1 0	 0 25 50 0	 1 2 0 2	 33 13 0 100	 740 747 753 704	 14 67 10 10	 0 14 50 0	 67 43 0 0	 0 29 50 0	 33 14 0 100	 740 744 753 704	 8 38 42 12	 8 13 20 16	 30 40 45 42	 29 40 23 25	 33 20 12 17	 737 743 748 745
How often do you use calculators in mathematics class? A. almost every day B. two or three days a week C. two or three times a month D. never or almost never	5 9 45 41	 0 0 3 2	 0 0 30 22	 0 0 4 4	 0 0 40 44	 0 1 2 2	 0 50 20 22	 1 1 10 1	 100 50 10 11	 722 724 748 748	 5 10 45 40	 0 0 22 13	 0 0 44 50	 0 50 22 25	 100 50 11 13	 722 724 746 745	 15 31 26 28	 19 18 17 11	 38 42 43 42	 25 24 24 27	 19 16 17 19	 745 746 746 743
How often do you use laptops in mathematics class? A. almost every day B. two or three days a week C. two or three times each month D. never or almost never	4 9 30 57	 0 0 1 4	 0 0 14 31	 0 0 1 7	 0 0 14 54	 0 0 4 1	 0 0 57 8	 1 2 1 1	 100 100 14 8	 700 711 741 752	 5 10 33 52	 0 0 14 18	 0 0 14 64	 0 0 57 9	 100 100 14 9	 700 711 741 749	 10 22 33 35	 12 13 18 16	 39 43 44 40	 24 26 25 25	 24 18 13 19	 741 744 747 744
Optional school/SAU question A. B. C. D.	0 0 0 100	 0	 0	 0	 0	 1	 100	 0	 0	 740	 0 0 0 100	 0 0 0 0	 0 0 0 100	 0 0 0 0	 0 0 0 0	 740						

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